

# Searching PAJ

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## Search Results : 4

Index Indication

Clear

**Text Search**

If you want to conduct a Number Search, please click on  
the button to the right.

**Number Search****Applicant,Title of invention,Abstract — e.g. computer semiconductor**

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

titanium ceramic substrate

AND

AND

piezoelectric

AND

AND

electrode

AND

AND

**Date of publication of application — e.g. 19980401 - 19980405**

-

AND

**IPC — e.g. D01B7/04 A01C11/02**

If you use the OR operation, please leave a SPACE between keywords.

**Search****Stored data**

Copyright (C); 1998,2003 Japan Patent Office

Searching PCT (Full Text)...

[Search Summary]

Results of searching in PCT (Full Text) for:

titanium near substrate and electrode and ( piezoelectric or  
"piezoelectric/electrostrictive" ): 0 records

[Refine Search](#)

titanium near substrate and electrode and (piezoelectri

No records matching your query found in PCT (Full Text)

**Search Summary**

**titanium NEAR substrate:** 0 occurrences in 0 records.

**electrode:** 993877 occurrences in 42664 records.

(titanium NEAR substrate AND electrode): 0 records.

**piezoelectric:** 92632 occurrences in 10876 records.

**PIEZOELECTRIC/electrostrictive:** 1774 occurrences in 397 records.

(piezoelectric OR PIEZOELECTRIC/electrostrictive): 10947 records.

((titanium NEAR substrate AND electrode) AND (piezoelectric OR  
PIEZOELECTRIC/electrostrictive)): 0 records.

Search Time: 31.97 seconds.





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Canadian Intellectual Property Office

## Canadian Patents Database

### Search Results      02/11/2005 - 12:18:31

 Query :

Query: (( ( ((substrate &lt;and&gt; titanium)) &lt;and&gt; ((electrode &lt;or&gt; electrodes)) &lt;and&gt; ((piezoelectric or "piezoelectric/electrostrictive")) ) &lt;in&gt; claims ) )

9 documents out of 1622198 matched your query. Click on its number to view the details of the document.

**Note:** All document detail pages now appear on a new Browser Window.

1. [2438360](#) PIEZOELECTRIC ELEMENT, INK JET HEAD, 100% ANGULAR VELOCITY SENSOR, MANUFACTURING METHOD THEREOF, AND INK JET TYPE RECORDING APPARATUS
2. [2351199](#) STRUCTURE OF PIEZOELECTRIC ELEMENT AND LIQUID DISCHARGE RECORDING HEAD, AND METHOD OF MANUFACTURE THEREFOR 100%
3. [2163033](#) A FILM BULK ACOUSTIC WAVE DEVICE 100%
4. [1255139](#) OPTICAL FREQUENCY CONVERTER DEVICE AND A RATE GYRO CONTAINING SUCH A DEVICE 100%
5. [2202062](#) MICRO-MINIATURE PIEZOELECTRIC DIAPHRAGM PUMP FOR THE LOW PRESSURE PUMPING OF GASES 99%
6. [2191132](#) THIN FILM ACTUATED MIRROR ARRAY FOR USE IN AN OPTICAL PROJECTION SYSTEM AND METHOD FOR THE 98%

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	4939	titanium and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive")	USPAT
2	BRS	L2	401	titanium same substrate and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	USPAT
3	BRS	L3	193	titanium.clm. and substrate and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	USPAT
4	BRS	L4	121	(titanium and substrate).clm. and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	USPAT
5	BRS	L5	43	(titanium same substrate).clm. and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	USPAT
6	BRS	L6	30	(titanium same substrate).clm. and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	US- PGPUB; USOCR
7	BRS	L7	93	(titanium same substrate) and (piezoelectric or electrostrictive or "piezoelectric/electrostrictive") same electrode\$1	EPO; JPO; DERWENT; IBM_TD B